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Machinery Shed

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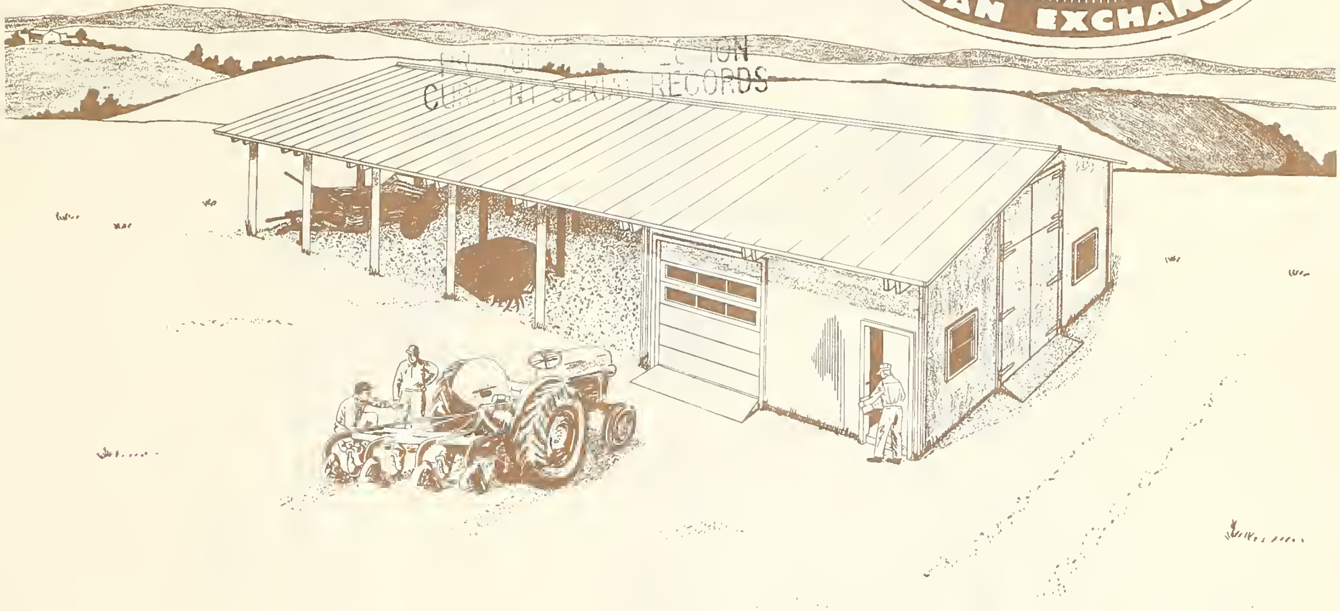
CURRENT SERIAL RECORDS

COOPERATIVE
FARM BUILDING
Plan No. 6150
(2 SHEETS)
PLAN EXCHANGE



This building developed at Auburn University, Ala., provides a convenient work area for necessary maintenance or repair of farm machinery.

The entire structure is economical and easily constructed. Pressure-preservative-treated poles rest on concrete pads at a minimum depth of 4 feet 6 inches below the surface of the ground.

Double rafters spaced 14 feet on center were designed for a total load not to exceed 25 pounds per square foot.

The roof and sidewalls are covered with metal. Any roof on an open-sided building such as this is subject to a large uplift from the wind. Therefore, special attention should be given to anchoring the rafters to the poles. Use commercial anchors to fasten the purlins to the rafters.

In some areas, conditions may require increasing the size of the concrete pads under the poles and using larger framing members, with additional anchoring of their supports. For advice on the size needed, consult your county agricultural agent or the State extension agricultural engineer.

Double combination doors at the east end of the building, when opened, provide a clear entrance 14 feet wide and 16 feet high which allows large equipment to enter the shop area. A similar set of doors is located on the west side of the shop area. The equipment can be stored or passed through the far end of the shed.

Complete working drawings may be obtained from the extension agricultural engineer at your State university. There may be a small charge to cover cost of printing.

If you do not know the location of your State university, send your request to Agricultural Engineer, Extension Service, U.S. Department of Agriculture, Washington, D.C. 20250. He will forward your request to the correct university.

ORDER PLAN NO. 6150, MACHINERY SHED.

Washington, D.C.
Issued August 1975

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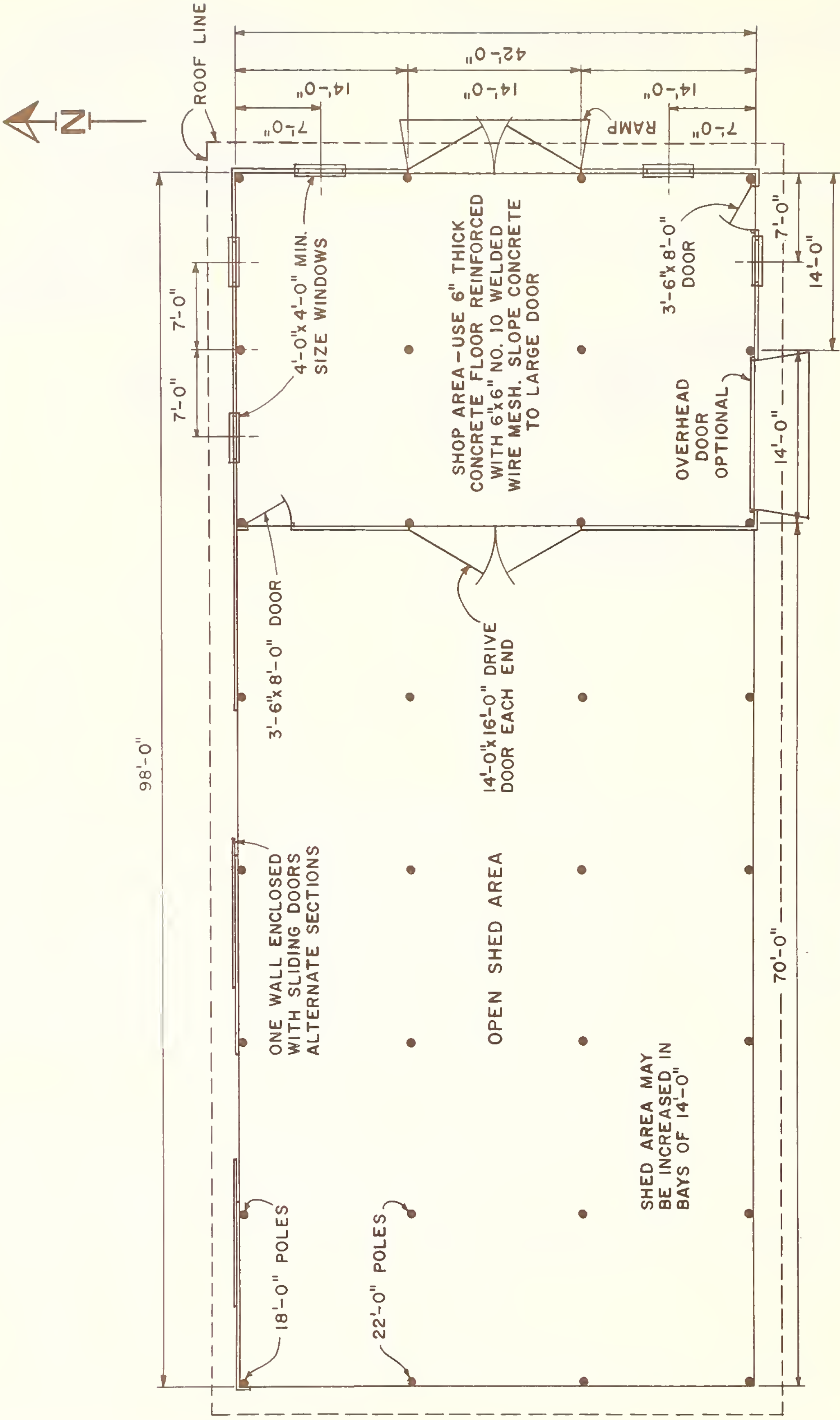
ROOF LINE
N
42'-0"
14'-0"
14'-0"
14'-0"
7'-0"
RAMP
7'-0"
7'-0"
7'-0"
98'-0"
4'-0"x 4'-0" MIN. SIZE WINDOWS
SHOP AREA—USE 6" THICK CONCRETE FLOOR REINFORCED WITH 6"x 6" NO. 10 WELDED WIRE MESH. SLOPE CONCRETE TO LARGE DOOR
3'-6"x 8'-0" DOOR
7'-0"
14'-0"
OVERHEAD DOOR OPTIONAL
14'-0"
3'-6"x 8'-0" DOOR
14'-0"x 16'-0" DRIVE DOOR EACH END
ONE WALL ENCLOSED WITH SLIDING DOORS ALTERNATE SECTIONS
OPEN SHED AREA
70'-0"
SHED AREA MAY BE INCREASED IN BAYS OF 14'-0"
18'-0" POLES
22'-0" POLES

FLOOR PLAN & POLE LAYOUT

AGRICULTURAL RESEARCH SERVICE

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